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Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
DECEMBER 1983

Summary: Unemployment in Ohio dropped from 566,000 in November to 530,000 in December, lowering the jobless rate from 11.0 to 10.5 percent of the civilian labor force. Total employment declined 1.5 percent, to 4,530,000. Nonfarm payroll employment slipped fractionally, to 4,183,000, as seasonal hiring in retailing tempered cutbacks in construction, manufacturing, and services.

Factory Employment: Employment in Ohio's manufacturing industries totaled 1,116,000 in December, .3 percent below November. Over half of the decrease occurred in motor vehicles as parts shortages forced the temporary shutdown of a large assembly plant. Producers of glassware and hand tools also reported layoffs due to plant shutdowns in December. Declines in pottery and fabricated structural metals were attributable to lack of orders. Producers of nonelectrical machinery, on the other hand, reported recalls, while a dispute settlement restored employment in the production of aircraft components.

Nonmanufacturing Employment: Nonmanufacturing industries in Ohio employed 3,068,000 workers in December--on par with the previous month. Seasonal hiring among department, apparel, and food stores boosted retailing to its year-end peak. Settlement of the nationwide bus drivers' strike was chiefly responsible for the gain in transportation. Gains were moderated, however, by seasonal declines in construction and private educational services.

Factory Earnings: Gross earnings of Ohio's factory production workers reached an all-time high for the fourth consecutive month--$462.44 per week in December, nearly $5 above the November figure. The average workweek, at 42.7 hours, was .2 hours longer. Moderate overtime increases boosted earnings in the production of nonferrous castings, plastics and synthetics, and dairy products. Producers of metalworking machinery reported longer workweeks with some additional premium overtime. Overtime curtailments, however, were reported in lumber and wood products, and by a few commercial printers.

Over the Year: The number of jobless Ohioans decreased by nearly 185,000 between December 1982 and December 1983, dropping the unemployment rate from 14.1 to 10.5 percent. Total employment rose 4.3 percent above the year-ago figure as nonfarm payroll employment advanced 2.0 percent. Transportation equipment, primary metals and metal fabricating accounted for nearly two-thirds of the gain in manufacturing. Increases in services and finance boosted nonmanufacturing, although retailing, transportation/utilities, and construction remained below their year-earlier levels. Factory production workers averaged two full hours more per week in December 1983 than in December 1982, as gross weekly earnings climbed $45 over the year.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm wage and salary employment in the Akron area totaled 256,100 in December, on par with the previous month. Nonmanufacturing increased fractionally, as seasonal curtailments in construction and services countered gains in retailing. Factory employment was also little changed, dipping to 68,300 in December. Production workers in the manufacturing industries grossed $10.88 per hour for a workweek of 44.2 hours in December--3¢ and .2 hours above their November averages.

Canton.--Canton's nonagricultural payroll employment slipped 200 from November, to 150,700 in December. Manufacturing--at 46,800--showed a minimal decline, mainly among primary metal industries. Nonmanufacturing held its own as hiring among department and apparel stores offset seasonal losses elsewhere. Factory production workers averaged $10.92 per hour in December, up 8¢ from November. Their average workweek, at 40.8 hours, was slightly longer.

Cincinnati.--Nonfarm industries in the Cincinnati area employed 581,200 workers in December, down 1,800 from November. Most of the job loss in manufacturing--down 3,400, to 146,000--occurred as materials shortages forced a temporary shutdown at a large auto assembly facility. Despite layoffs in construction and educational services, nonmanufacturing advanced as retailers added temporary personnel. Average hourly earnings of factory production workers, at $10.30 in December, were down 4¢ from the previous month. The average workweek was extended by .4 hours, to 42.4.

Cleveland.--Nonfarm payroll employment in Cleveland advanced 2,300 from November, to 840,100 in December. Nonmanufacturing accounted for over four-fifths of the gain, due to the seasonal pickup in retailing and a dispute settlement in passenger transportation. Factory employment advanced 500, to 216,900, with much of the increase scattered among durable-goods industries. The average factory workweek, at 42.1 hours, was .3 hours longer. Production workers grossed $10.64 per hour in December, slightly above their November average.

Columbus.--Nonagricultural wage and salary employment in the Columbus area totaled 516,100 in December, up 1,000 from the previous month. Pre-holiday gains in retail trade, augmented by hiring among state and local schools, boosted nonmanufacturing. Factory employment slipped 900, to 89,700, due largely to a shutdown for repairs at a glassware plant. Production workers in the area's manufacturing establishments averaged $10.24 per hour for a 42.1 hour workweek in December, 10¢ and half-an-hour above November figures.

Dayton.--Dayton's nonfarm payroll employment rose 600 from November, to 344,200 in December. Several durable-goods producers reported moderate gains as manufacturing advanced 400, to 90,700. Nonmanufacturing was up only slightly, as seasonal cutbacks in construction and public and private education offset most of the year-end retail boom. Hourly earnings of Dayton's factory production workers, at $11.07 in December, were up 16¢ from November. The average workweek--43.9 hours--was longer by 1.1 hours.

Toledo.--Nonagricultural employment in Toledo totaled 293,500 in December, fractionally above November. Manufacturing, at 74,600, was little changed. Nonmanufacturing increased marginally as layoffs in construction tempered increases elsewhere. Factory production workers averaged $11.52 per hour for a 44.4 hour workweek--down 5¢ and .1 hour from November.

Youngstown-Warren.--Nonfarm establishments in the Youngstown-Warren area employed 185,900 workers in December--on par with November. Manufacturing was up 500, to 56,900, due chiefly to a dispute settlement in transportation equipment. Seasonal cutbacks in construction and schools lowered nonmanufacturing. The average factory workweek dipped .4 hours, to 43.2. Earnings, at $12.68 per hour, were 14¢ higher than in November.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 1-20-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	250.8	149.7	575.5	847.5	497.9	337.0	282.2	182.2
1982 December.	250.4	147.3	574.8	837.3	504.0	336.4	282.8	177.8
1983 January .	243.4	144.5	561.1	815.6	491.5	330.3	277.4	175.6
February.	245.9	144.6	558.8	816.5	492.0	330.6	275.8	176.2
March ...	247.0	145.0	561.7	820.8	494.2	332.3	274.4	179.5
April ...	248.9	146.6	570.4	825.8	497.9	334.0	279.8	181.0
May	251.5	148.1	574.4	831.3	501.4	335.6	284.4	183.5
June	247.5	149.0	576.4	840.2	504.2	337.0	283.1	183.2
July	250.2	148.7	570.7	834.5	498.5	330.8	279.5	182.8
August ..	249.1	148.0	569.6	827.4	496.8	330.8	279.5	181.3
September	256.1	150.3	578.2	836.6	505.2	340.3	289.4	186.3
October .	255.0	150.0	581.5	837.5	513.2	341.9	291.7	185.3
November.	256.1	150.9	583.0	837.7	515.1	343.6	293.2	186.0
December.	256.1	150.7	581.2	840.1	516.1	344.2	293.5	185.9
	MANUFACTURING EMPLOYMENT (in thousands)							
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.8	48.2	147.2	224.1	86.7	87.9	68.8	53.4
1982 December.	65.3	44.7	145.0	210.3	84.6	83.4	65.4	48.6
1983 January .	66.2	45.0	143.8	210.3	84.7	84.0	66.4	50.0
February.	67.1	45.3	142.6	210.5	85.8	84.7	65.5	50.9
March ...	67.0	45.2	142.7	210.7	85.9	85.1	62.7	53.7
April ...	67.3	45.3	143.8	210.8	86.6	85.8	66.2	54.3
May	67.2	45.7	143.6	211.4	86.9	86.2	68.3	54.8
June	67.0	46.4	145.0	212.4	87.2	86.5	69.4	54.3
July	67.6	46.4	144.5	210.8	87.2	85.7	69.4	55.0
August ..	67.7	46.1	146.4	211.1	88.0	86.6	70.5	54.3
September	68.0	46.6	145.9	214.6	89.0	89.1	73.3	56.4
October .	68.1	46.2	148.8	215.6	90.4	89.2	73.7	56.2
November.	68.4	46.9	149.4	216.4	90.6	90.3	74.4	56.4
December.	68.3	46.8	146.0	216.9	89.7	90.7	74.6	56.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	37.2	33.7	96.1	142.5	55.6	55.8	45.1	38.5
1982								
December.	34.5	30.8	94.5	132.1	53.4	52.1	42.5	34.3
1983								
January .	35.4	31.2	93.3	132.0	53.6	52.6	43.5	35.6
February.	36.2	31.5	92.2	132.4	54.6	53.3	42.7	36.4
March ...	36.2	31.6	92.4	132.7	54.7	53.7	40.0	39.0
April ...	36.7	31.6	93.3	133.2	55.4	54.4	43.5	39.6
May	36.7	32.0	93.1	134.2	55.7	54.8	45.5	40.1
June	36.4	32.7	94.1	135.2	56.1	55.1	46.5	40.0
July	36.9	32.7	93.8	133.3	56.0	54.0	46.4	40.6
August ..	37.2	32.5	95.7	134.1	56.7	54.7	47.6	39.7
September	37.5	33.0	95.3	137.8	57.6	57.3	50.1	42.0
October .	37.7	32.6	98.1	138.8	58.9	57.7	50.7	41.8
November.	38.2	33.2	99.0	139.8	58.9	58.7	51.5	42.1
December.	38.1	33.1	95.7	140.1	58.6	59.1	51.5	42.4
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1982								
December.	41.6	39.1	41.5	39.9	40.5	40.3	41.1	40.3
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	44.2	40.8	42.4	42.1	42.1	43.9	44.4	43.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

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Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1972	$ 4.68	$ 4.48	$ 4.15	$ 4.50	$ 4.06	$ 4.74	$ 4.67	$ 4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1982								
December.	10.06	10.52	9.84	10.26	9.57	10.05	11.00	12.01
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	10.88	10.92	10.30	10.64	10.24	11.07	11.52	12.68
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1972	$197.03	$181.89	$173.89	$190.35	$164.02	$201.45	$196.14	$201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.63	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1982								
December.	418.50	411.33	408.36	409.37	387.59	405.02	452.10	484.00
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	460.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.51	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	480.90	445.54	436.72	447.94	431.10	485.97	511.49	547.78

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1972	282.2	267.3	14.8	5.3
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.8	285.4	18.4	6.1
1980	304.5	278.3	26.2	8.6
1981	304.1	274.9	29.1	9.6
1982	305.8	269.4	36.4	11.9
1982				
November	304.7	264.7	39.9	13.1
December	304.5	262.9	41.6	13.7
1983				
January	296.9	252.3	44.6	15.0
February	297.1	254.7	42.5	14.3
March	301.8	261.4	40.4	13.4
April	306.7	267.5	39.2	12.8
May	311.6	271.5	40.1	12.9
June	311.8	272.9	38.9	12.5
July	319.1	285.2	33.9	10.6
August	315.2	282.9	32.3	10.2
September	311.8	277.9	33.9	10.9
October	314.6	280.6	34.0	10.8
November[p]	315.9	280.2	35.7	11.3
CINCINNATI[d]				
1972	561.0	529.0	32.0	5.7
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	604.8	566.6	38.2	6.3
1977	623.4	588.7	34.7	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.5	619.3	59.1	8.7
1982	682.0	610.4	71.6	10.5
1982				
November	677.5	602.5	75.0	11.1
December	673.3	598.8	74.5	11.1
1983				
January	661.5	580.1	81.3	12.3
February	655.9	577.2	78.7	12.0
March	667.8	590.2	77.6	11.6
April	674.9	604.1	70.8	10.5
May	683.3	609.9	73.4	10.7
June	694.4	620.1	74.3	10.7
July	697.9	632.7	65.2	9.3
August	693.0	629.8	63.2	9.1
September	683.3	616.6	66.7	9.8
October	689.6	627.2	62.4	9.0
November[p]	694.1	628.4	65.7	9.5

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
CANTON[c]				
1972	165.6	155.3	10.3	6.2
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.9	16.8	8.9
1981	188.4	170.1	18.2	9.7
1982	192.5	165.1	27.4	14.3
1982				
November	192.9	160.0	32.9	17.1
December	191.0	159.0	32.0	16.8
1983				
January	187.4	153.9	33.5	17.9
February	186.5	154.0	32.5	17.4
March	189.0	157.9	31.1	16.5
April	191.6	161.7	29.9	15.6
May	194.6	164.2	30.3	15.6
June	196.7	167.9	28.8	14.6
July	198.0	173.7	24.3	12.3
August	196.2	172.1	24.1	12.3
September	192.0	167.6	24.4	12.7
October	194.4	169.7	24.7	12.7
November[p]	194.6	169.4	25.2	13.0
CLEVELAND[e]				
1972	873.2	825.2	48.0	5.5
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.1	68.0	7.3
1981	933.9	854.0	79.8	8.5
1982	933.7	833.8	100.0	10.7
1982				
November	926.6	811.3	115.3	12.4
December	921.5	807.1	114.3	12.4
1983				
January	895.2	776.5	118.7	13.3
February	893.4	776.7	116.7	13.1
March	913.3	797.9	115.5	12.6
April	923.2	813.0	110.2	11.9
May	935.7	821.5	114.1	12.2
June	961.0	843.8	117.3	12.2
July	968.7	869.0	99.7	10.3
August	959.1	860.8	98.3	10.3
September	931.8	832.1	99.8	10.7
October	941.3	844.4	97.0	10.3
November[p]	941.3	842.1	99.2	10.5

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p]Preliminary.

Labor Market Information Division
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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1972	469.1	450.2	18.9	4.0
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	568.8	518.0	50.8	8.9
1982				
November	567.1	513.4	53.6	9.5
December	564.0	512.3	51.8	9.2
1983				
January	548.2	492.8	55.4	10.1
February	547.5	493.6	53.9	9.9
March	561.1	507.3	53.8	9.6
April	570.5	517.7	52.8	9.3
May	577.9	524.0	53.9	9.3
June	592.9	535.7	57.2	9.7
July	600.6	549.7	50.9	8.5
August	593.7	546.3	47.4	8.0
September	581.0	531.8	49.2	8.5
October	595.9	546.5	49.4	8.3
November[p]	596.2	545.4	50.7	8.5
DAYTON[g]				
1972	353.5	336.2	17.3	4.9
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.1	347.0	44.2	11.3
1982				
November	386.5	338.7	47.8	12.4
December	385.3	338.5	46.8	12.1
1983				
January	375.8	327.8	47.9	12.8
February	374.6	328.3	46.3	12.4
March	381.7	337.5	44.2	11.6
April	386.2	343.8	42.3	11.0
May	388.9	347.4	41.5	10.7
June	398.8	354.5	44.3	11.1
July	399.1	361.6	37.6	9.4
August	396.3	359.1	37.2	9.4
September	390.4	354.5	35.9	9.2
October	395.8	360.9	34.8	8.8
November[p]	397.1	360.4	36.7	9.2
TOLEDO[h]				
1972	329.4	311.3	18.1	5.5
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1982				
November	367.5	318.9	48.6	13.2
December	368.8	316.2	52.6	14.3
1983				
January	359.5	307.3	52.2	14.5
February	360.3	306.6	53.7	14.9
March	366.0	311.0	55.0	15.0
April	368.7	320.7	47.9	13.0
May	379.0	328.3	50.7	13.4
June	381.1	332.5	48.6	12.8
July	383.8	339.3	44.5	11.6
August	381.5	337.3	44.2	11.6
September	377.7	334.7	43.0	11.4
October[p]	382.2	340.6	41.6	10.9
November	INA	INA	INA	INA
YOUNGSTOWN-WARREN[i]				
1972	226.9	212.1	14.8	6.5
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.7	191.5	46.2	19.4
1982				
November	237.7	183.0	54.7	23.0
December	234.2	183.1	51.1	21.8
1983				
January	226.6	178.1	48.4	21.4
February	223.8	178.7	45.1	20.1
March	227.9	186.2	41.7	18.3
April	229.9	190.3	39.5	17.2
May	234.3	193.8	40.5	17.3
June	237.1	196.8	40.4	17.0
July	237.7	203.6	34.1	14.3
August	237.4	200.9	36.5	15.4
September	231.9	198.1	33.7	14.5
October	231.8	200.3	31.6	13.6
November[p]	232.8	199.9	32.8	14.1

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary. INA--Information not available.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1972	4,510	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,087	4,660	426	8.4	7.1
1981	5,099	4,607	492	9.6	7.6
1982	5,122	4,481	640	12.5	9.7
1982					
December.	5,058	4,344	714	14.1	10.5
1983					
January .	4,942	4,204	738	14.9	11.4
February.	4,925	4,212	713	14.5	11.3
March ...	5,027	4,339	688	13.7	10.8
April ...	5,088	4,435	653	12.8	10.0
May	5,166	4,502	664	12.9	9.8
June	5,267	4,595	672	12.8	10.2
July	5,302	4,723	579	10.9	9.4
August ..	5,244	4,679	565	10.8	9.2
September	5,123	4,555	568	11.1	8.8
October .	5,176	4,626	550	10.6	8.4
November.	5,164	4,598	566	11.0	8.1
December.	5,060	4,530	530	10.5	8.0

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,138.7	1,103.6	3,035.1
1982			
December.	4,102.5	1,043.9	3,058.6
1983			
January .	4,012.3	1,051.7	2,960.6
February.	4,015.0	1,056.2	2,958.8
March ...	4,036.2	1,059.4	2,976.8
April ...	4,076.0	1,069.4	3,006.6
May	4,114.2	1,074.8	3,039.4
June	4,127.4	1,078.7	3,048.7
July	4,092.8	1,076.7	3,016.1
August ..	4,085.6	1,089.3	2,996.3
September	4,167.2	1,109.0	3,058.2
October .	4,180.3	1,114.0	3,066.3
November.	4,187.0	1,119.4	3,067.6
December.	4,183.3	1,115.6	3,067.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.7	135.5	207.6	229.3	707.3	206.4	859.7	658.6
1982								
December.	29.0	129.5	203.6	229.0	730.4	207.3	861.7	668.2
1983								
January .	28.6	112.8	195.5	226.3	687.3	205.8	847.0	657.3
February.	28.1	108.6	194.7	225.3	675.0	205.5	853.5	668.0
March ...	27.3	112.7	195.0	226.1	680.4	205.8	859.6	669.9
April ...	27.2	118.8	196.0	226.9	692.0	206.7	872.5	666.6
May	27.6	126.6	197.7	227.3	702.6	207.5	880.2	669.9
June	29.3	133.0	198.9	228.2	706.4	209.7	889.3	653.8
July	29.9	138.0	199.0	228.0	703.2	210.7	884.3	623.1
August ..	29.8	139.4	182.9	227.9	705.7	210.7	883.9	615.8
September	30.0	141.7	198.5	227.8	708.2	210.3	892.1	649.7
October .	29.9	142.1	198.4	228.2	703.1	210.0	888.9	665.7
November.	29.9	138.1	197.0	227.7	711.2	210.0	884.1	669.7
December.	29.5	127.7	198.0	227.7	723.7	210.5	880.7	669.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1972	1,346.8	948.8	398.0	979.2	$181.3	40.7
1973	1,426.3	1,018.2	408.1	1,046.7	210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,103.6	755.4	348.3	738.1	298.0	29.6
1982						
December.	1,043.9	701.7	342.2	687.1	286.7	28.0
1983						
January .	1,051.7	712.5	339.2	695.0	288.5	28.0
February.	1,056.2	715.7	340.5	700.2	293.6	28.3
March ...	1,059.4	719.1	340.3	703.7	298.6	28.7
April ...	1,069.4	728.0	341.5	713.7	306.8	29.3
May	1,074.8	733.1	341.7	719.6	310.8	29.6
June	1,078.7	734.6	344.1	723.6	316.8	30.0
July	1,076.7	732.9	343.7	720.5	311.7	29.5
August ..	1,089.3	741.2	348.1	733.3	317.8	30.2
September	1,109.0	754.0	355.1	752.5	337.1	31.7
October .	1,114.0	761.3	352.8	758.2	341.4	31.8
November.	1,119.4	766.2	353.2	764.1	349.8	32.5
December.	1,115.6	762.2	353.4	760.4	351.6	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1972	$185.12	$190.19	$172.60	41.6	41.8	40.9	$ 4.45	$ 4.55	$ 4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.9	40.4	10.07	10.37	9.38
1982									
December.	417.18	429.14	390.46	40.7	40.6	40.8	10.25	10.57	9.57
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	462.44	481.60	419.89	42.7	43.0	42.2	10.83	11.20	9.95

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
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Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	218.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	201.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.1	113.3	135.0	179.3	93.2	122.0	66.9	63.2	80.7
1982									
December.	50.3	98.1	127.0	163.4	85.6	120.5	66.3	61.8	77.6
1983									
January .	50.2	100.2	128.3	163.2	89.5	125.1	63.9	61.6	78.0
February.	50.4	102.6	130.1	161.7	88.7	126.1	64.3	61.7	79.3
March ...	50.8	105.4	129.5	160.6	87.9	127.9	64.0	61.8	79.3
April ...	52.4	105.9	130.5	160.3	90.2	130.9	63.7	61.7	80.3
May	52.9	105.5	131.6	161.4	90.7	132.9	63.5	61.7	80.8
June	53.0	105.9	132.3	159.3	90.4	134.4	64.5	61.6	81.6
July	53.2	105.3	132.0	159.4	90.1	133.9	64.2	61.1	82.3
August ..	53.9	107.6	134.8	159.9	90.0	135.1	66.5	61.1	83.7
September	54.7	110.0	137.2	162.2	91.9	137.1	69.6	61.8	85.8
October .	54.8	110.5	139.2	161.9	92.8	141.3	66.6	61.8	86.5
November.	54.9	112.4	140.4	162.8	92.8	142.4	65.5	62.0	87.5
December.	53.4	112.1	139.6	163.6	92.6	140.8	65.4	62.2	87.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1972	$175.14	$204.61	$187.87	$193.46	$164.42	$219.99	$173.43	$187.21	$180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1982									
December.	391.35	488.67	420.65	405.42	383.60	526.87	402.66	374.74	388.69
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	420.58	525.39	496.32	462.03	412.76	587.65	420.42	393.58	430.22

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	4183.3	4187.0	4102.5	- .1	2.0
MANUFACTURING	1115.6	1119.4	1043.9	- .3	6.9
Durable Goods[e]	762.2	766.2	701.7	- .5	8.6
Lumber and wood products	13.0	13.1	12.0	- .9	8.2
Furniture and fixtures	14.0	13.8	13.5	1.3	3.6
Household furniture	6.2	6.1	5.9	2.4	6.0
Stone, clay, and glass products	53.4	54.9	50.3	- 2.7	6.2
Glass and glassware, pressed or blown	13.9	14.7	13.1	- 5.0	6.6
Structural clay products	5.0	5.3	4.6	- 5.2	10.3
Pottery and related products	5.3	5.7	5.7	- 6.1	- 7.0
Primary metal industries	112.1	112.4	98.1	- .2	14.3
Blast furnace and basic steel products	55.2	55.2	49.0	.0	12.7
Iron and steel foundries	23.2	23.0	19.6	1.0	18.2
Nonferrous rolling and drawing	19.0	19.0	16.3	.2	16.5
Nonferrous foundries	9.2	9.3	7.7	- .9	20.0
Fabricated metal products	139.6	140.4	127.0	- .6	9.9
Cutlery, hand tools, and hardware	11.6	11.8	10.2	- 2.2	13.6
Plumbing and heating, except electric	4.8	4.7	4.2	1.5	12.3
Fabricated structural metal products	31.2	31.6	30.6	- 1.2	1.8
Screw machine products, bolts, etc.	9.1	9.0	8.4	.6	8.0
Metal forgings and stampings	42.7	42.7	35.2	.0	21.4
Machinery, except electrical	163.6	162.8	163.4	.5	.1
Construction and related machinery	17.0	17.0	18.3	.1	- 6.9
Metalworking machinery	39.4	39.3	43.0	.3	- 8.3
Special industry machinery	17.5	17.4	17.5	.8	- .3
General industrial machinery	32.8	32.6	31.4	.7	4.5
Electric and electronic equipment	92.6	92.8	85.6	- .2	8.2
Electrical industrial apparatus	19.2	19.1	19.3	.4	- .6
Household appliances	16.0	16.1	14.4	- .4	11.4
Electric lighting and wiring equipment	18.7	18.6	14.5	.6	28.9
Communication equipment	10.3	10.8	10.4	- 4.5	- .8
Transportation equipment	140.8	142.4	120.5	- 1.1	16.9
Motor vehicles and equipment	94.3	96.4	76.2	- 2.1	23.8
Aircraft and parts	38.2	37.7	36.4	1.2	4.9
Instruments and related products	20.5	20.5	19.6	- .2	4.6
Measuring and controlling devices	12.5	12.5	11.7	- .2	6.7
Nondurable Goods[f]	353.4	353.2	342.2	.1	3.3
Food and kindred products	65.4	65.5	66.3	.0	- 1.3
Meat products	10.8	10.8	11.0	- .1	- 1.9
Dairy products	10.7	10.8	10.9	- .4	- 1.3
Bakery products	9.9	9.8	10.1	1.1	- 1.4
Beverages	10.6	10.5	10.8	.8	- 1.8
Textile mill products	4.6	4.5	4.1	.9	11.9
Apparel and other textile products	17.9	17.9	16.7	.1	6.8
Paper and allied products	35.5	35.4	35.0	.2	1.6
Paper mills, except building paper	9.4	9.3	8.9	.5	4.9
Misc. converted paper products	11.5	11.5	11.1	.0	3.1
Paperboard containers and boxes	11.6	11.6	11.7	.0	- .3
Printing and publishing	62.2	62.0	61.8	.3	.5
Newspapers	18.6	18.5	18.5	.4	.3
Commercial printing	22.3	22.3	22.0	.1	1.3
Chemicals and allied products	64.8	64.6	65.2	.2	- .7
Industrial inorganic chemicals	11.8	11.8	12.3	.1	- 3.7
Plastics materials and synthetics	9.0	8.9	9.2	.1	- 2.6
Petroleum and coal products	9.9	10.0	9.6	- 1.2	3.3
Rubber and misc. plastics products	87.4	87.5	77.6	- .1	12.7
Tires and inner tubes	20.9	21.0	20.9	- .3	.0
Miscellaneous plastics products	45.8	45.7	38.8	.2	18.0
Leather and leather products	5.6	5.6	5.8	- .1	- 2.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$462.44	$457.73	$417.18	42.7	42.5	40.7	$10.83	$10.77	$10.25
Durable Goods[d]	481.60	475.68	429.14	43.0	42.7	40.6	11.20	11.14	10.57
Lumber and wood products	289.14	296.87	292.79	39.5	40.5	39.3	7.32	7.33	7.45
Furniture and fixtures	330.81	319.14	314.80	41.3	40.5	40.0	8.01	7.88	7.87
Household furniture	286.40	275.09	268.66	40.0	38.8	38.0	7.16	7.09	7.07
Stone, clay, and glass products	420.58	415.33	391.35	42.1	41.7	41.5	9.99	9.96	9.43
Glass and glassware, pressed or blown	436.24	433.19	392.32	41.0	41.1	38.5	10.64	10.54	10.19
Structural clay products	294.26	305.59	281.11	40.7	40.8	40.8	7.23	7.49	6.89
Pottery and related products	325.24	323.25	329.94	37.6	37.5	39.8	8.65	8.62	8.29
Primary metal industries	525.39	520.38	488.67	42.2	42.0	39.0	12.45	12.39	12.53
Blast furnace and basic steel products	520.20	518.46	511.13	40.8	40.6	37.2	12.75	12.77	13.74
Iron and steel foundries	531.85	538.30	474.10	43.1	43.8	40.8	12.34	12.29	11.62
Nonferrous rolling and drawing	581.13	565.49	485.16	43.4	43.2	39.8	13.39	13.09	12.19
Nonferrous foundries	446.80	420.20	375.83	46.3	44.0	41.3	9.65	9.55	9.10
Fabricated metal products	496.32	490.31	420.65	44.0	43.7	40.8	11.28	11.22	10.31
Cutlery, hand tools, and hardware	506.94	501.08	403.65	42.6	42.5	39.0	11.90	11.79	10.35
Plumbing and heating, except electric	383.66	380.45	345.84	42.3	41.9	39.3	9.07	9.08	8.80
Fabricated structural metal products	436.29	427.65	396.66	42.9	42.3	40.6	10.17	10.11	9.77
Screw machine products, bolts, etc.	406.62	408.64	352.80	42.4	42.7	38.6	9.59	9.57	9.14
Metal forgings and stampings	613.94	607.20	494.21	46.3	46.0	41.6	13.26	13.20	11.88
Machinery, except electrical	462.03	450.24	405.42	42.9	42.0	40.3	10.77	10.72	10.06
Construction and related machinery	426.41	418.37	389.00	39.3	39.1	38.1	10.85	10.70	10.21
Metalworking machinery	430.34	415.13	404.00	41.7	40.5	40.0	10.32	10.25	10.10
Special industry machinery	441.81	438.76	390.19	43.7	43.1	40.9	10.11	10.18	9.54
General industrial machinery	457.30	448.10	388.87	42.5	41.8	39.6	10.76	10.72	9.82
Electric and electronic equipment	412.76	411.27	383.60	41.4	41.5	40.0	9.97	9.91	9.59
Electrical industrial apparatus	388.28	392.37	345.20	40.7	41.0	37.4	9.54	9.57	9.23
Household appliances	417.79	414.53	401.36	41.0	40.8	40.5	10.19	10.16	9.91
Electric lighting and wiring equipment	408.66	403.38	378.07	41.7	41.5	41.5	9.80	9.72	9.11
Communication equipment	465.13	460.04	434.43	42.4	43.4	41.1	10.97	10.60	10.57
Transportation equipment	587.65	586.64	526.87	45.1	45.3	42.8	13.03	12.95	12.31
Motor vehicles and equipment	610.97	610.42	543.92	45.8	46.0	43.1	13.34	13.27	12.62
Aircraft and parts	531.29	527.66	499.48	43.3	43.5	42.8	12.27	12.13	11.67
Instruments and related products	318.33	308.05	296.68	40.5	39.8	40.2	7.86	7.74	7.38
Measuring and controlling devices	311.58	299.47	288.56	40.1	39.3	39.1	7.77	7.62	7.38
Nondurable Goods[e]	419.89	413.97	390.46	42.2	41.9	40.8	9.95	9.88	9.57
Food and kindred products	420.42	410.98	402.66	42.9	42.5	41.9	9.80	9.67	9.61
Meat products	400.53	401.54	414.06	42.7	42.9	41.2	9.38	9.36	10.05
Dairy products	434.58	421.71	392.54	44.3	43.7	42.9	9.81	9.65	9.15
Bakery products	419.76	420.97	400.00	39.6	40.4	40.0	10.60	10.42	10.00
Beverages	379.03	376.67	341.73	40.8	40.2	39.1	9.29	9.37	8.74
Textile mill products	312.00	315.25	270.51	41.6	41.7	38.7	7.50	7.56	6.99
Apparel and other textile products	250.11	243.90	224.35	39.7	38.9	36.9	6.30	6.27	6.08
Paper and allied products	446.22	440.79	410.71	44.4	44.3	43.6	10.05	9.95	9.42
Paper mills, except building paper	556.72	546.15	516.48	47.3	46.6	48.0	11.77	11.72	10.76
Misc. converted paper products	393.93	386.10	363.78	43.1	42.9	42.3	9.14	9.00	8.60
Paperboard containers and boxes	394.19	394.42	366.86	42.8	43.2	41.5	9.21	9.13	8.84
Printing and publishing	393.58	392.18	374.74	38.7	38.6	37.7	10.17	10.16	9.94
Newspapers	327.23	323.70	331.02	33.7	33.2	32.2	9.71	9.75	10.28
Commercial printing	412.89	416.96	373.63	40.4	40.6	38.4	10.22	10.27	9.73
Chemicals and allied products	473.76	468.16	431.39	42.3	41.8	41.4	11.20	11.20	10.42
Industrial inorganic chemicals	507.10	516.77	446.63	42.4	43.1	40.9	11.96	11.99	10.92
Plastics materials and synthetics	545.11	521.12	471.23	45.2	44.2	42.8	12.06	11.79	11.01
Petroleum and coal products	629.53	618.02	602.89	43.9	43.4	44.2	14.34	14.24	13.64
Rubber and misc. plastics products	430.22	421.20	388.69	43.5	43.2	40.7	9.89	9.75	9.55
Tires and inner tubes	566.10	559.73	526.44	45.0	44.6	42.8	12.58	12.55	12.30
Miscellaneous plastics products	421.41	408.93	367.23	43.4	43.0	39.7	9.71	9.51	9.25
Leather and leather products	215.76	213.72	225.59	39.3	39.0	40.5	5.49	5.48	5.57

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1983 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
NONMANUFACTURING	3067.7	3067.6	3058.6	.0	.3
MINING	29.5	29.9	29.0	- 1.4	1.7
Bituminous coal and lignite mining	11.7	11.8	11.6	- 1.5	.5
CONSTRUCTION	127.7	138.1	129.5	- 7.5	- 1.4
General building contractors	30.6	32.3	32.0	- 5.2	- 4.2
Heavy construction contractors	18.9	22.7	19.1	- 17.1	- 1.1
TRANSPORTATION AND PUBLIC UTILITIES	198.0	197.0	203.6	.5	- 2.7
Railroad transportation	20.1	20.7	21.1	- 2.9	- 5.1
Transportation, except railroads	87.3	86.1[h]	88.3	1.3	- 1.2
Trucking and warehousing	62.0	61.7	64.1	.4	- 3.3
Communication, electric, gas services	90.7	90.2	94.2	.5	- 3.7
Communication	50.9	50.5	53.3	.8	- 4.5
Electric, gas, and sanitary services	39.8	39.7	40.9	.1	- 2.7
WHOLESALE TRADE	227.7	227.7	229.0	.0	- .5
Wholesale trade-durable goods	143.8	143.7	145.2	.0	- 1.0
Motor vehicles & automotive equipment	21.0	21.0	20.7	- .1	1.1
Electrical goods	18.9	18.8	19.0	.5	- .2
Machinery, equipment, and supplies	61.6	61.4	62.0	.2	- .7
Wholesale trade-nondurable goods	84.0	84.0	83.7	- .1	.3
Groceries and related products	26.0	25.9	25.5	.2	1.7
RETAIL TRADE	723.7	711.2	730.4	1.8	- .9
General merchandise stores	124.7	117.3	129.4	6.3	- 3.6
Department stores	114.5	107.7	118.7	6.4	- 3.5
Food stores	120.8	119.3	120.6	1.2	.2
Automotive dealers & service stations	74.3	74.7	75.2	- .5	- 1.2
Apparel and accessory stores	35.4	33.5	36.5	5.7	- 3.0
FINANCE, INSURANCE, AND REAL ESTATE	210.5	210.0	207.3	.3	1.6
Banking	58.1	58.0	58.6	.2	- .9
Credit agencies other than banks	31.0	30.8	30.0	.8	3.6
Insurance carriers	59.3	59.3	59.8	.1	- .7
SERVICES	880.7	884.1	861.7	- .4	2.2
Hotels and other lodging places	28.6	29.0	28.9	- 1.4	- 1.3
Laundry, cleaning, & garment services	16.4	16.5	16.7	- .5	- 2.2
Business services	124.3	124.6	122.2	- .2	1.7
Health services	329.3	328.7	318.2	.2	3.5
Hospitals	178.6	178.4	175.0	.1	2.1
GOVERNMENT	669.8	669.7	668.2	.0	.2
Federal government	88.7	88.7	88.4	.1	.3
State government	146.7	146.1	147.1	.4	- .3
State government, except education	69.0	68.7	70.7	.5	- 2.4
State government education[i]	77.7	77.4	76.4	.4	1.8
Local government	434.4	434.9	432.7	- .1	.4
Local government, except education	181.1	180.9	181.1	.1	.0
Local government education	253.3	254.1	251.5	- .3	.7

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1983 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$472.06	$463.28	$466.81	44.2	43.5	44.5	$10.68	$10.65	$10.49
Bituminous coal and lignite mining	571.78	558.00	558.91	40.9	40.7	42.6	13.98	13.71	13.12
CONSTRUCTION	587.55	559.20	555.39	37.4	35.8	37.1	15.71	15.62	14.97
General building contractors	515.46	488.09	504.99	36.3	34.3	36.7	14.20	14.23	13.76
Heavy construction contractors	569.58	505.43	535.26	38.8	34.5	37.3	14.68	14.65	14.35
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	461.77	448.52	477.22	37.3	36.2	38.3	12.38	12.39	12.46
Communication, electric, gas services	481.07	479.08	444.71	40.7	40.6	40.1	11.82	11.80	11.09
Communication	479.12	475.94	444.64	40.5	40.3	39.7	11.83	11.81	11.20
Electric, gas, and sanitary services	484.21	481.80	444.57	41.0	40.9	40.6	11.81	11.78	10.95
WHOLESALE TRADE	333.08	334.22	321.36	39.7	39.6	39.0	8.39	8.44	8.24
Wholesale trade-durable goods	327.63	328.42	314.38	40.2	40.1	39.2	8.15	8.19	8.02
Motor vehicles & automotive equipment	263.50	276.05	276.57	38.3	38.5	38.2	6.88	7.17	7.24
Electrical goods	273.51	275.04	263.63	38.2	38.2	37.5	7.16	7.20	7.03
Machinery, equipment, and supplies	368.74	371.54	343.48	40.7	41.1	39.3	9.06	9.04	8.74
Wholesale trade-nondurable goods	343.10	343.66	332.73	38.9	38.7	38.6	8.82	8.88	8.62
Groceries and related products	371.84	372.53	365.79	41.5	41.3	41.1	8.96	9.02	8.90
RETAIL TRADE[f]	163.14	161.11	158.77	30.1	29.4	29.9	5.42	5.48	5.31
General merchandise stores	170.89	163.48	170.01	32.8	30.5	33.4	5.21	5.36	5.09
Department stores	173.18	166.46	172.01	32.8	30.6	33.4	5.28	5.44	5.15
Food stores	212.89	216.13	215.36	30.5	30.7	31.3	6.98	7.04	7.20
Automotive dealers & service stations	213.30	214.90	202.38	36.4	36.3	36.4	5.86	5.92	5.56
Apparel and accessory stores	131.21	113.48	125.65	28.9	25.5	28.3	4.54	4.45	4.44
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	218.45	217.52	208.33	....	....	....	....	....	....
Credit agencies other than banks	212.12	208.41	210.16	....	....	....	....	....	....
Insurance carriers	293.51	291.66	281.80	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	284.09	281.90	270.04	33.7	33.6	34.4	8.43	8.39	7.85
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	256.1	256.1	250.4	.0	2.3
MANUFACTURING	68.3	68.4	65.3	- .2	4.5
Durable Goods[e]	34.9	34.8	32.0	.2	9.1
Stone, clay, and glass products	1.9	2.0	1.7	- .9	10.8
Fabricated metal products	12.5	12.5	11.9	- .1	4.7
Machinery, except electrical	9.4	9.4	8.7	1.0	8.4
Special industry machinery	1.6	1.6	1.6	.6	- .7
Nondurable Goods[f]	33.4	33.6	33.3	- .6	.2
Food and kindred products	2.5	2.5	2.6	.3	- .5
Chemicals and allied products	2.7	2.7	3.2	.7	- 13.7
Rubber and misc. plastics products	23.1	23.3	22.7	- .6	1.9
Tires and inner tubes	16.6	16.7	16.8	- .3	- .9
NONMANUFACTURING[g]	187.9	187.8	185.1	.1	1.5
CONSTRUCTION	6.9	7.6	7.0	- 9.5	- 2.2
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.8	12.9	- .1	- .7
Communication, electric, gas services	5.3	5.3	5.5	.0	- 2.6
WHOLESALE TRADE	12.6	12.6	12.5	- .1	.9
RETAIL TRADE	48.3	47.3	47.6	2.1	1.4
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.4	9.3	.8	1.8
SERVICES	53.9	54.1	51.9	- .4	3.8
GOVERNMENT	43.3	43.3	43.2	.1	.3
State government (includes education)	15.0	14.9	14.9	.9	.6
Local government (includes education)	26.2	26.3	26.2	- .5	.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$480.90	$477.40	$418.50	44.2	44.0	41.6	$10.88	$10.85	$10.06
Durable Goods[d]	507.38	501.53	420.84	45.1	44.7	42.0	11.25	11.22	10.02
Stone, clay, and glass products	404.46	407.53	390.34	42.0	42.1	42.8	9.63	9.68	9.12
Fabricated metal products	644.03	641.32	419.42	47.6	47.4	40.8	13.53	13.53	10.28
Machinery, except electrical	428.67	416.46	432.99	44.7	43.7	44.5	9.59	9.53	9.73
Special industry machinery	458.00	446.12	380.66	45.8	45.2	40.8	10.00	9.87	9.33
Nondurable Goods[e]	441.87	442.64	413.09	42.9	43.1	40.9	10.30	10.27	10.10
Food and kindred products	476.67	455.16	445.76	46.1	45.2	44.8	10.34	10.07	9.95
Chemicals and allied products	473.27	467.64	426.71	43.7	43.1	40.6	10.83	10.85	10.51
Rubber and misc. plastics products	458.24	464.37	427.23	43.6	44.1	41.6	10.51	10.53	10.27
Tires and inner tubes	595.14	595.99	542.72	45.5	45.6	42.7	13.08	13.07	12.71
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	567.27	535.63	558.94	35.7	35.1	36.7	15.89	15.26	15.23
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	495.28	493.66	452.73	41.0	40.9	40.1	12.08	12.07	11.29
WHOLESALE TRADE	301.47	306.50	295.81	39.0	39.6	39.6	7.73	7.74	7.47
RETAIL TRADE[f]	175.44	174.33	174.80	30.3	29.8	30.4	5.79	5.85	5.75
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	150.7	150.9	147.3	- .1	2.3
MANUFACTURING	46.8	46.9	44.7	- .2	4.8
Durable Goods[e]	35.0	35.1	33.6	- .3	4.3
Stone, clay, and glass products	2.0	2.0	1.9	.3	3.1
Primary metal industries	11.3	11.4	9.7	- .6	17.5
Fabricated metal products	7.7	7.7	8.1	- .1	- 4.9
Fabricated structural metal products	2.0	2.0	2.5	.0	- 18.1
Metal forgings and stampings	2.5	2.4	2.3	.9	7.9
Nondurable Goods[f]	11.8	11.8	11.1	- .1	6.2
Food and kindred products	4.3	4.3	4.3	.3	- .9
Rubber and misc. plastics products	3.2	3.2	2.5	- .2	27.8
NONMANUFACTURING[g]	104.0	104.0	102.7	- .1	1.2
CONSTRUCTION	5.0	5.3	4.6	- 5.8	10.3
TRANSPORTATION AND PUBLIC UTILITIES	6.0	6.1	6.2	- 1.6	- 3.6
Communication, electric, gas services	2.8	2.9	3.0	- .2	- 5.0
WHOLESALE TRADE	8.0	8.0	7.7	- .2	3.2
RETAIL TRADE	26.9	26.5	26.9	1.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.6	6.4	1.0	3.7
SERVICES	31.6	31.6	31.1	.1	1.7
GOVERNMENT	18.4	18.5	18.4	- .5	- .3
Local government (includes education)	15.6	15.7	15.5	- .3	.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$445.54	$441.19	$411.33	40.8	40.7	39.1	$10.92	$10.84	$10.52
Durable Goods[d]	458.94	456.12	422.84	40.4	40.4	38.9	11.36	11.29	10.87
Stone, clay, and glass products	278.47	271.75	260.90	40.3	39.1	40.2	6.91	6.95	6.49
Primary metal industries	488.42	483.59	469.46	40.6	40.4	37.2	12.03	11.97	12.62
Fabricated metal products	538.47	534.23	453.86	42.2	41.9	40.2	12.76	12.75	11.29
Fabricated structural metal products	471.74	463.45	391.41	41.6	40.3	37.1	11.34	11.50	10.55
Metal forgings and stampings	668.96	671.80	545.38	45.2	45.3	41.6	14.80	14.83	13.11
Nondurable Goods[e]	402.24	396.79	374.77	41.9	41.9	39.7	9.60	9.47	9.44
Food and kindred products	419.44	418.61	440.02	42.8	43.2	41.2	9.80	9.69	10.68
Rubber and misc. plastics products	452.18	451.90	363.17	45.4	45.6	41.6	9.96	9.91	8.73
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	582.63	517.48	545.75	37.3	34.0	37.0	15.62	15.22	14.75
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	486.21	487.40	459.68	41.1	41.2	40.5	11.83	11.83	11.35
WHOLESALE TRADE	323.47	330.81	306.82	37.7	38.2	37.1	8.58	8.66	8.27
RETAIL TRADE[f]	163.25	161.27	155.83	30.4	29.7	30.2	5.37	5.43	5.16
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	581.2	583.0	574.8	- .3	1.1
MANUFACTURING	146.0	149.4	145.0	- 2.3	.7
Durable Goods[e]	79.6	83.0	78.3	- 4.1	1.7
Furniture and fixtures	2.0	2.0	2.2	- 1.3	- 9.9
Primary metal industries	2.0	2.0	1.8	.7	16.4
Fabricated metal products	13.1	13.3	12.2	- 1.7	6.8
Fabricated structural metal products	4.0	4.1	4.0	- 2.1	1.0
Machinery, except electrical	21.7	21.6	22.0	.1	- 1.6
Metalworking machinery	10.4	10.3	10.8	.3	- 4.1
General industrial machinery	3.5	3.4	3.5	.5	.0
Electric and electronic equipment	7.7	7.7	7.5	.0	2.7
Transportation equipment	23.3	25.8	22.9	- 9.8	1.8
Motor vehicles and equipment	8.4	10.9	8.0	- 23.5	4.2
Nondurable Goods[f]	66.4	66.4	66.7	.0	- .5
Food and kindred products	14.7	14.7	15.5	.0	- 5.4
Meat products	2.4	2.4	2.3	- 1.6	3.9
Bakery products	2.3	2.3	2.3	3.4	.0
Beverages	4.3	4.3	4.6	.5	- 5.4
Apparel and other textile products	4.1	4.1	3.9	.2	5.1
Paper and allied products	5.9	5.9	6.0	.9	- 1.2
Printing and publishing	11.5	11.6	11.3	- .3	2.4
Chemicals and allied products	22.0	22.0	22.1	.1	- .4
Rubber and misc. plastics products	4.7	4.7	4.2	- 1.1	11.4
NONMANUFACTURING[g]	435.2	433.6	429.8	.4	1.3
CONSTRUCTION	19.3	20.6	18.5	- 6.1	4.2
TRANSPORTATION AND PUBLIC UTILITIES	31.3	31.2	31.7	.3	- 1.4
Communication, electric, gas services	14.2	14.1	14.4	.4	- 1.4
WHOLESALE TRADE	36.8	36.8	37.3	.1	- 1.3
RETAIL TRADE	104.7	102.5	105.1	2.1	- .4
FINANCE, INSURANCE, AND REAL ESTATE	32.4	32.3	32.6	.4	- .5
Banking	7.3	7.2	7.3	1.0	.5
Insurance carriers	11.1	11.1	11.5	.3	- 3.3
SERVICES	131.2	130.5	124.5	.5	5.4
GOVERNMENT	79.1	79.4	79.7	- .3	- .7
Federal government	12.5	12.3	12.0	1.2	3.8
State government (includes education)	17.9	17.8	18.4	.4	- 2.7
Local government	48.7	49.2	49.2	- 1.0	- 1.0
Local government, except education	21.1	21.4	21.5	- 1.3	- 1.7
Local government education	27.6	27.8	27.8	- .7	- .5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$436.72	$434.28	$408.36	42.4	42.8	41.5	$10.30	$10.34	$ 9.84
Durable Goods[d]	431.63	425.15	394.01	42.4	41.6	41.0	10.18	10.22	9.61
Furniture and fixtures	329.67	312.82	273.87	40.5	39.2	35.8	8.14	7.98	7.65
Primary metal industries	462.07	451.27	360.26	41.0	40.4	36.5	11.27	11.17	9.87
Fabricated metal products	390.70	380.66	378.78	41.3	40.8	41.9	9.46	9.33	9.04
Fabricated structural metal products	375.58	366.38	345.24	41.5	40.8	42.0	9.05	8.98	8.22
Machinery, except electrical	399.53	374.26	352.84	42.1	40.2	39.6	9.49	9.31	8.91
Metalworking machinery	422.90	403.25	385.61	40.2	38.7	38.6	10.52	10.42	9.99
General industrial machinery	356.01	331.85	345.20	41.3	39.6	40.9	8.62	8.38	8.44
Electric and electronic equipment	331.69	329.33	312.07	42.2	41.9	40.9	7.86	7.86	7.63
Transportation equipment	617.89	607.92	545.28	45.3	44.7	42.6	13.64	13.60	12.80
Motor vehicles and equipment	689.02	651.39	599.25	47.0	44.8	42.5	14.66	14.54	14.10
Nondurable Goods[e]	440.77	444.35	422.94	42.3	42.4	42.0	10.42	10.48	10.07
Food and kindred products	502.11	496.93	503.98	43.7	43.4	44.6	11.49	11.45	11.30
Meat products	422.57	437.03	431.80	42.9	44.1	41.4	9.85	9.91	10.43
Bakery products	481.11	463.26	428.83	43.5	42.0	42.5	11.06	11.03	10.09
Beverages	459.24	459.67	465.75	43.0	43.0	45.0	10.68	10.69	10.35
Apparel and other textile products	220.80	207.48	212.95	38.2	36.4	37.1	5.78	5.70	5.74
Paper and allied products	417.23	391.35	360.22	45.4	43.1	41.5	9.19	9.08	8.68
Printing and publishing	436.45	448.69	407.16	40.6	41.7	39.0	10.75	10.76	10.44
Chemicals and allied products	496.44	507.95	468.26	42.0	42.4	42.3	11.82	11.98	11.07
Rubber and misc. plastics products	355.02	377.35	346.02	44.6	46.3	43.8	7.96	8.15	7.90
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	536.92	525.86	541.13	36.5	35.7	37.5	14.71	14.73	14.43
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	453.94	455.09	414.18	39.2	39.3	39.0	11.58	11.58	10.62
WHOLESALE TRADE	353.22	346.12	327.66	40.6	40.2	39.1	8.70	8.61	8.38
RETAIL TRADE[f]	173.13	163.86	161.08	32.3	30.8	30.8	5.36	5.32	5.23
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	222.42	224.05	204.40	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	840.1	837.7	837.3	.3	.3
MANUFACTURING	216.9	216.4	210.3	.2	3.1
Durable Goods[e]	150.7	150.3	147.0	.3	2.5
Furniture and fixtures	1.8	1.8	2.0	2.7	- 10.0
Primary metal industries	25.3	25.2	23.5	.6	7.8
Blast furnace and basic steel products	12.2	12.2	11.4	.0	6.8
Iron and steel foundries	6.7	6.5	6.2	1.9	6.9
Nonferrous foundries	2.6	2.6	2.6	- .3	.8
Fabricated metal products	32.3	32.2	32.5	.1	- .7
Fabricated structural metal products	3.8	3.9	3.8	- 1.5	- .2
Screw machine products, bolts, etc.	4.6	4.6	4.6	.1	1.0
Metal forgings and stampings	10.9	10.9	11.3	.1	- 3.5
Machinery, except electrical	32.6	32.4	33.8	.4	- 3.6
Construction and related machinery	5.4	5.4	5.4[h]	.1	1.0
Metalworking machinery	10.5	10.6	11.6	- .4	- 9.5
Special industry machinery	3.2	3.2	3.2	.2	- .2
General industrial machinery	2.6	2.6	2.8	1.7	- 6.2
Electric and electronic equipment	23.7	23.6	22.2	.5	6.7
Electrical industrial apparatus	8.0	7.9	8.2	.7	- 2.7
Transportation equipment	21.2	21.1	19.9	.3	6.4
Motor vehicles and equipment	14.8	14.7	13.3	.8	11.0
Instruments and related products	5.6	5.6	5.8	- .1	- 3.5
Nondurable Goods[f]	66.2	66.1	63.3	.1	4.5
Food and kindred products	8.1	8.1	7.8	.4	4.1
Bakery products	1.7	1.7	1.7	1.6	.9
Beverages	1.6	1.6	1.6	- .8	- 1.7
Apparel and other textile products	5.7	5.7	5.4	1.2	6.9
Paper and allied products	5.1	5.0	4.9	.4	2.2
Printing and publishing	15.3	15.4	14.8	- .1	3.5
Chemicals and allied products	14.6	14.6	14.8	.3	- .7
Industrial inorganic chemicals	3.6	3.6	3.8	.1	- 4.5
Rubber and misc. plastics products	11.2	11.3	9.8	- .8	13.7
NONMANUFACTURING[g]	623.2	621.3	626.9	.3	- .6
CONSTRUCTION	24.0	25.7	24.4	- 6.7	- 1.7
TRANSPORTATION AND PUBLIC UTILITIES	42.2	41.5[h]	43.2	1.5	- 2.3
Communication, electric, gas services	19.6	19.5	20.0	.2	- 2.2
WHOLESALE TRADE	59.8	59.7	60.9	.2	- 1.7
RETAIL TRADE	137.1	134.4	139.7	2.0	- 1.9
FINANCE, INSURANCE, AND REAL ESTATE	47.8	47.7	48.0	.2	- .3
Banking	13.0	13.0	13.3	- .4	- 2.3
Insurance carriers	11.8	11.8	12.1	.3	- 2.6
SERVICES	197.2	197.8	193.9	- .3	1.7
GOVERNMENT	113.9	113.3	115.6	.5	- 1.5
Federal government	19.3	19.2	19.4	.8	- .5
State government (includes education)	8.1	8.0	8.2	1.7	- .7
Local government	86.4	86.2	88.0	.3	- 1.8
Local government, except education	44.1	44.0	44.7	.2	- 1.4
Local government education	42.4	42.2	43.3	.5	- 2.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$447.94	$443.92	$409.37	42.1	41.8	39.9	$10.64	$10.62	$10.26
Durable Goods[d]	476.00	472.49	432.28	42.5	42.3	40.1	11.20	11.17	10.78
Furniture and fixtures	330.48	321.99	328.38	40.7	39.9	39.9	8.12	8.07	8.23
Primary metal industries	530.87	530.85	483.92	42.3	42.4	38.9	12.55	12.52	12.44
Blast furnace and basic steel products	480.90	482.56	502.87	37.6	37.7	36.1	12.79	12.80	13.93
Iron and steel foundries	696.31	696.83	552.35	47.4	47.5	42.1	14.69	14.67	13.12
Nonferrous foundries	360.59	361.05	345.42	41.4	41.5	40.4	8.71	8.70	8.55
Fabricated metal products	457.31	453.90	443.87	42.9	42.5	41.6	10.66	10.68	10.67
Fabricated structural metal products	330.65	332.13	336.36	38.9	38.8	39.9	8.50	8.56	8.43
Screw machine products, bolts, etc.	464.40	461.51	358.32	45.0	44.5	38.2	10.32	10.38	9.38
Metal forgings and stampings	566.87	563.05	576.79	44.6	44.3	44.3	12.71	12.71	13.02
Machinery, except electrical	445.71	456.54	402.23	41.5	42.0	38.9	10.74	10.87	10.34
Construction and related machinery	523.75	500.99	437.97	41.8	40.5	39.0	12.53	12.37	11.23
Metalworking machinery	430.96	421.07	399.64	41.8	41.0	38.8	10.31	10.27	10.30
Special industry machinery	454.73	451.33	417.09	40.1	39.8	39.2	11.34	11.34	10.64
General industrial machinery	423.12	419.01	374.87	43.0	42.8	37.3	9.84	9.79	10.05
Electric and electronic equipment	398.93	396.96	338.10	40.5	40.3	37.4	9.85	9.85	9.04
Electrical industrial apparatus	377.95	398.16	319.48	38.1	3.5	32.7	9.92	10.08	9.77
Transportation equipment	614.05	587.33	553.14	46.1	44.8	43.9	13.32	13.11	12.60
Motor vehicles and equipment	651.92	629.29	579.47	46.8	45.9	44.1	13.93	13.71	13.14
Instruments and related products	374.22	352.29	349.85	42.0	40.4	41.5	8.91	8.72	8.43
Nondurable Goods[e]	376.48	372.81	348.49	41.1	40.7	39.2	9.16	9.16	8.89
Food and kindred products	380.28	376.25	353.03	41.2	40.5	40.3	9.23	9.29	8.76
Bakery products	400.66	399.67	361.46	40.8	40.7	38.7	9.82	9.82	9.34
Beverages	359.54	357.44	341.65	42.6	42.3	42.6	8.44	8.45	8.02
Apparel and other textile products	277.01	272.53	254.45	39.8	39.1	37.2	6.96	6.97	6.84
Paper and allied products	416.54	411.15	374.24	43.8	43.6	40.9	9.51	9.43	9.15
Printing and publishing	367.46	371.86	370.00	36.6	36.6	37.0	10.04	10.16	10.00
Chemicals and allied products	471.71	462.58	413.03	43.0	42.4	40.1	10.97	10.91	10.30
Industrial inorganic chemicals	519.39	516.14	416.20	43.5	43.3	39.6	11.94	11.92	10.51
Rubber and misc. plastics products	347.87	345.77	321.94	43.0	42.9	40.7	8.09	8.06	7.91
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	715.86	683.34	639.75	38.8	37.3	37.5	18.45	18.32	17.06
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	513.70	509.94	480.76	40.9	40.6	40.4	12.56	12.56	11.90
WHOLESALE TRADE	351.83	344.75	333.13	39.8	39.4	39.1	8.84	8.75	8.52
RETAIL TRADE[f]	173.75	169.55	168.49	29.3	28.4	29.1	5.93	5.97	5.79
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	245.91	246.70	241.00	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	516.1	515.1	504.0	.2	2.4
MANUFACTURING	89.7	90.6	84.6	- .9	6.0
Durable Goods[e]	58.1	59.2	52.8	- 1.8	10.2
Stone, clay, and glass products	8.9	9.6	9.2	- 7.0	- 2.5
Fabricated metal products	10.3	10.4	8.6	- .9	20.7
Machinery, except electrical	10.6	10.6	10.0	.7	6.7
Electric and electronic equipment	10.5	10.9	9.7	- 4.0	7.7
Transportation equipment	8.9	8.9	7.2	.0	24.0
Nondurable Goods[f]	31.6	31.4	31.9	.7	- .9
Food and kindred products	10.0	10.0	10.0	.0	- .1
Printing and publishing	8.0	7.9	8.3	1.4	- 2.9
Chemicals and allied products	6.1	6.0	6.0	.2	.2
Rubber and misc. plastics products	2.8	2.7	2.7	1.0	1.6
NONMANUFACTURING[g]	426.3	424.5	419.4	.4	1.7
CONSTRUCTION	14.3	15.5	14.5	- 7.4	- 1.0
TRANSPORTATION AND PUBLIC UTILITIES	22.8	22.2	23.2	2.8	- 1.3
Communication, electric, gas services	11.1	10.6	11.0	4.7	.5
WHOLESALE TRADE	27.6	27.5	27.2	.4	1.5
RETAIL TRADE	98.4	96.7	97.7	1.8	.7
FINANCE, INSURANCE, AND REAL ESTATE	43.4	43.3	42.1	.2	3.2
Banking	8.6	8.6	8.4	.2	2.7
Insurance carriers	17.6	17.7	17.8	- .3	- .9
SERVICES	114.7	114.9	111.0	- .2	3.3
GOVERNMENT	104.4	103.6	103.1	.7	1.3
Federal government	11.4	11.3	11.3	.7	1.4
State government	49.6	49.2	49.9	.9	- .6
State government, except education	28.1	28.0	28.8	.3	- 2.3
State government education[i]	21.5	21.2	21.2	1.7	1.7
Local government	43.3	43.1	41.9	.5	3.4
Local government, except education	17.5	17.5	17.3	.1	1.0
Local government education	25.8	25.6	24.5	.8	5.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$431.10	$421.82	$387.59	42.1	41.6	40.5	$10.24	$10.14	$ 9.57
Durable Goods[d]	451.56	443.31	404.60	42.4	42.1	40.5	10.65	10.53	9.99
Stone, clay, and glass products	403.62	395.65	360.50	42.0	41.0	39.1	9.61	9.65	9.22
Fabricated metal products	548.54	538.22	460.53	43.5	43.3	40.9	12.61	12.43	11.26
Machinery, except electrical	432.84	396.02	388.22	44.9	42.4	41.3	9.64	9.34	9.40
Electric and electronic equipment	438.68	441.23	402.41	42.1	43.3	41.7	10.42	10.19	9.65
Transportation equipment	541.89	541.01	527.33	44.2	44.2	44.5	12.26	12.24	11.85
Nondurable Goods[e]	386.16	375.03	356.81	41.3	40.5	40.5	9.35	9.26	8.81
Food and kindred products	379.96	367.09	359.94	41.8	41.2	42.0	9.09	8.91	8.57
Printing and publishing	448.15	446.56	429.37	38.6	38.2	39.5	11.61	11.69	10.87
Chemicals and allied products	470.41	436.60	390.57	43.8	41.9	40.6	10.74	10.42	9.62
Rubber and misc. plastics products	310.91	303.05	281.18	42.3	41.4	40.4	7.35	7.32	6.96
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	485.35	469.44	475.31	37.7	36.0	36.2	12.89	13.04	13.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	499.80	493.70	462.11	40.9	40.6	39.7	12.22	12.16	11.64
WHOLESALE TRADE	294.12	294.03	313.22	39.8	39.1	39.3	7.39	7.52	7.97
RETAIL TRADE[f]	164.02	162.42	157.18	29.5	28.9	29.6	5.56	5.62	5.31
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	228.53	231.56	228.35	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	344.2	343.6	336.4	.2	2.3
MANUFACTURING	90.7	90.3	83.4	.4	8.7
Durable Goods[e]	62.8	62.6	57.9	.4	8.5
Stone, clay, and glass products	2.1	2.2	1.7	- 1.7	20.8
Fabricated metal products	7.0	7.0	6.1	- .3	13.8
Machinery, except electrical	29.6	29.4	28.1	.6	5.2
Metalworking machinery	6.2	6.1	6.3	1.0	- 1.8
Electric and electronic equipment	4.7	4.6	4.6	1.3	2.2
Electrical industrial apparatus	2.6	2.6	2.6	.2	1.2
Transportation equipment	13.5	13.5	12.2	.4	10.7
Nondurable Goods[f]	27.8	27.7	25.5	.5	9.2
Food and kindred products	3.1	3.1	2.9	- .1	4.8
Paper and allied products	5.6	5.6	5.2	- .1	7.8
Printing and publishing	7.5	7.4	7.3	.5	2.3
Rubber and misc. plastics products	8.2	8.1	6.9	1.0	18.1
NONMANUFACTURING[g]	253.5	253.3	253.0	.1	.2
CONSTRUCTION	9.2	9.9	9.2	- 6.9	.5
TRANSPORTATION AND PUBLIC UTILITIES	12.2	12.3	12.3	- .3	- .8
Communication, electric, gas services	5.6	5.6	6.0	- .2	- 7.1
WHOLESALE TRADE	16.6	16.5	16.7	.3	- 1.0
RETAIL TRADE	56.9	55.6	57.7	2.4	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	13.8	13.7	13.4	.2	2.8
SERVICES	76.9	77.4	75.3	- .6	2.0
GOVERNMENT	67.6	67.6	68.1	.0	- .6
Federal government	26.0	25.8	25.9	.5	.2
State government (includes education)	6.1	5.9	6.0	4.0	2.5
Local government	35.5	35.9	36.1	- 1.0	- 1.7
Local government, except education	12.8	12.8	12.9	- .1	- .3
Local government education	22.7	23.1	23.3	- 1.5	- 2.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$485.97	$466.95	$405.02	43.9	42.8	40.3	$11.07	$10.91	$10.05
Durable Goods[d]	490.40	471.95	402.79	44.3	43.1	40.4	11.07	10.95	9.97
Stone, clay, and glass products	373.67	373.07	354.24	39.5	39.9	41.0	9.46	9.35	8.64
Fabricated metal products	385.00	344.76	310.86	43.9	40.8	39.3	8.77	8.45	7.91
Machinery, except electrical	525.78	505.52	422.51	45.8	44.5	41.1	11.48	11.36	10.28
Metalworking machinery	507.93	496.04	429.70	46.9	46.1	41.8	10.83	10.76	10.28
Electric and electronic equipment	329.25	326.42	316.71	40.9	40.6	41.4	8.05	8.04	7.65
Electrical industrial apparatus	362.90	344.51	333.74	42.1	40.2	40.7	8.62	8.57	8.20
Transportation equipment	611.88	607.05	483.55	44.5	44.9	39.7	13.75	13.52	12.18
Nondurable Goods[e]	475.58	455.76	410.00	43.0	42.2	40.0	11.06	10.80	10.25
Food and kindred products	369.87	359.90	390.80	40.6	39.9	40.0	9.11	9.02	9.77
Paper and allied products	401.46	404.05	365.85	42.8	43.4	42.1	9.38	9.31	8.69
Printing and publishing	439.70	409.70	392.83	39.9	37.9	37.2	11.02	10.81	10.56
Rubber and misc. plastics products	620.16	586.96	498.48	45.6	44.5	40.2	13.60	13.19	12.40
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	536.07	525.34	508.11	38.1	37.1	36.9	14.07	14.16	13.77
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	488.84	491.67	440.43	40.4	40.6	39.5	12.10	12.11	11.15
WHOLESALE TRADE	342.55	346.88	326.36	42.5	42.2	41.0	8.06	8.22	7.96
RETAIL TRADE[f]	160.13	157.93	155.78	30.1	29.3	29.9	5.32	5.39	5.21
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	293.5	293.2	282.8	.1	3.8
MANUFACTURING	74.6	74.4	65.4	.1	14.0
Durable Goods[e]	58.0	58.2	50.2	- .4	15.5
Stone, clay, and glass products	11.8	11.8	11.4	- .4	3.0
Primary metal industries	3.9	3.9	3.4	.2	13.0
Fabricated metal products	8.4	8.4	6.9	- .1	21.0
Metal forgings and stampings	4.2	4.1	3.2	1.2	30.3
Machinery, except electrical	5.9	5.7	6.0	2.2	- 2.3
General industrial machinery	1.5	1.4	1.6	1.2	- 10.9
Transportation equipment	20.5	20.7	14.8	- .7	38.5
Motor vehicles and equipment	19.3	19.4	13.6	- .8	42.2
Nondurable Goods[f]	16.6	16.3	15.2	2.1	9.0
Food and kindred products	4.3	4.1	4.0	3.7	5.8
Rubber and misc. plastics products	4.4	4.2	3.2	2.7	38.1
NONMANUFACTURING[g]	218.9	218.7	217.4	.1	.7
CONSTRUCTION	9.7	10.4	10.5	- 6.4	- 7.0
TRANSPORTATION AND PUBLIC UTILITIES	17.3	17.4	17.8	- .5	- 2.6
Communication, electric, gas services	7.4	7.3	7.7	.2	- 4.0
WHOLESALE TRADE	14.2	14.3	14.4	- .5	- 1.5
RETAIL TRADE	51.2	50.4	52.0	1.5	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	11.1	11.1	10.8	.4	2.5
SERVICES	66.3	66.2	64.4	.1	3.0
GOVERNMENT	48.6	48.5	47.1	.4	3.3
State government (includes education)	15.4	15.3	15.0	.3	2.3
Local government	30.5	30.4	29.3	.4	4.2
Local government, except education	11.6	11.6	10.9	- .1	6.1
Local government education	19.0	18.8	18.4	.8	3.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$511.49	$514.87	$452.10	44.4	44.5	41.1	$11.52	$11.57	$11.00
Durable Goods[d]	534.17	542.69	467.21	44.7	45.3	41.2	11.95	11.98	11.34
Stone, clay, and glass products	522.44	518.75	468.78	44.2	44.3	42.5	11.82	11.71	11.03
Primary metal industries	533.02	504.80	430.54	48.5	46.1	41.2	10.99	10.95	10.45
Fabricated metal products	502.74	521.44	437.96	44.1	45.7	41.2	11.40	11.41	10.63
Metal forgings and stampings	568.86	555.62	502.38	45.4	44.7	41.9	12.53	12.43	11.99
Machinery, except electrical	462.84	458.60	397.17	43.5	42.9	38.9	10.64	10.69	10.21
General industrial machinery	503.65	500.22	424.62	42.9	42.0	36.7	11.74	11.91	11.57
Transportation equipment	601.10	622.91	545.02	45.4	46.8	41.9	13.24	13.31	12.96
Motor vehicles and equipment	599.32	621.97	540.43	45.3	46.8	41.7	13.23	13.29	12.96
Nondurable Goods[e]	427.80	406.81	401.88	43.3	41.3	40.8	9.88	9.85	9.85
Food and kindred products	484.73	427.38	416.17	45.6	41.9	41.7	10.63	10.20	9.98
Rubber and misc. plastics products	357.14	344.87	349.70	43.5	41.5	40.9	8.21	8.31	8.55
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	621.43	607.30	633.36	37.1	36.3	39.0	16.75	16.73	16.24
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	510.43	501.40	469.12	41.6	41.2	40.9	12.27	12.17	11.47
WHOLESALE TRADE	333.59	336.55	333.31	38.3	37.9	38.4	8.71	8.88	8.68
RETAIL TRADE[f]	166.62	162.13	162.21	29.7	28.9	29.6	5.61	5.61	5.48
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent[d] Change From	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	185.9	186.0	177.8	.0	4.6
MANUFACTURING	56.9	56.4	48.6	.8	17.0
Durable Goods[e]	51.8	51.2	43.7	1.2	18.5
Stone, clay, and glass products	1.7	1.9	1.5	- 11.2	15.1
Primary metal industries	24.6	24.4	20.3	.6	21.0
Blast furnace and basic steel products	10.3	10.3	8.7	.1	18.3
Fabricated metal products	8.9	8.8	7.8	1.7	13.7
Fabricated structural metal products	2.3	2.2	2.5	5.5	- 4.7
Machinery, except electrical	3.3	3.3	4.3	.3	- 22.6
Metalworking machinery	1.2	1.2	2.2	- .7	- 44.2
Electric and electronic equipment	2.6	2.6	1.9	.0	40.1
Transportation equipment	9.1	8.6[h]	6.2	5.6	45.9
Nondurable Goods[f]	5.1	5.2	4.9	- 3.1	4.2
NONMANUFACTURING[g]	129.0	129.5	129.2	- .4	- .1
CONSTRUCTION	4.7	5.3	5.0	- 9.7	- 4.4
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.9	8.0	- 1.7	- 3.0
Communication, electric, gas services	3.1	3.1	3.2	.1	- 3.4
WHOLESALE TRADE	8.1	8.0	8.0	.8	.5
RETAIL TRADE	35.1	34.6	36.3	1.4	- 3.4
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.1	.3	2.4
SERVICES	40.7	40.9	39.6	- .6	2.8
GOVERNMENT	24.3	24.4	24.1	- .7	.6
Local government (includes education)	18.5	18.7	18.3	- 1.2	.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$547.78	$546.74	$484.00	43.2	43.6	40.3	$12.68	$12.54	$12.01
Durable Goods[d]	562.46	562.39	496.11	43.4	43.8	40.4	12.96	12.84	12.28
Stone, clay, and glass products	361.49	366.68	313.56	39.9	39.9	38.1	9.06	9.19	8.23
Primary metal industries	551.95	533.66	477.67	41.5	40.8	37.0	13.30	13.08	12.91
Blast furnace and basic steel products	502.04	501.68	471.97	39.1	38.8	34.4	12.84	12.93	13.72
Fabricated metal products	641.16	650.89	512.11	46.8	47.2	41.5	13.70	13.79	12.34
Fabricated structural metal products	468.06	452.63	398.82	43.5	42.5	39.1	10.76	10.65	10.20
Machinery, except electrical	462.56	448.92	459.03	39.3	38.6	39.1	11.77	11.69	11.74
Metalworking machinery	481.73	445.90	488.72	41.6	39.6	41.0	11.58	11.26	11.92
Electric and electronic equipment	398.57	413.34	393.02	40.3	41.5	39.9	9.89	9.96	9.85
Transportation equipment	653.90	701.10	664.25	47.8	51.4	50.9	13.68	13.64	13.05
Nondurable Goods[e]	370.06	362.56	355.81	40.8	41.2	39.1	9.07	8.80	9.10
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	570.60	518.83	557.65	36.0	33.8	36.4	15.85	15.35	15.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	484.33	483.14	448.40	40.7	40.6	40.0	11.90	11.90	11.21
WHOLESALE TRADE	332.12	331.59	308.70	36.1	36.2	35.2	9.20	9.16	8.77
RETAIL TRADE[f]	170.70	169.31	162.00	30.0	29.6	30.0	5.69	5.72	5.40
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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